



# COPY

## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20590  
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APPLICATION NUMBER	FILING RECEIPT DATE	FIRST NAMED APPLICANT	APPLICANT'S MAILING ADDRESS
09/976,687	10/12/2001	Maureen R. Hanson	0196034012601

26770  
NIXON PEABODY LLP  
ATTENTION: DAVID RESNICK  
101 FEDERAL STREET  
BOSTON, MA 02110

CONFIRMATION NO. 1127

### FORMALITIES LETTER



\*0000000007070093\*

Date Mailed: 11/14/2001



## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

### Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 370 to complete the basic filing fee for a small entity.*
- Total additional claim fee(s) for this application is \$488.
  - \$306 for 34 total claims over 20.
  - \$42 for 1 independent claims over 3.
  - \$140 for multiple dependent claim surcharge.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 923.

*A copy of this notice MUST be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

04/15/2002 SFEELEX1 00000661 09976687  
370.00  
42.00  
306.00  
140.00  
65.  
01 FEB01  
02 FEB02  
03 FEB03  
04 FEB04  
05 FEB05



Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/976,687
Filing Date	10/12/2001
First Named Inventor	Maureen R. Hanson
Group Art Unit	1638
Examiner Name	To be assigned
Attorney Docket Number	019603-002861

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
- ☒ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☒ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☒ Response to Missing Parts/  
Incomplete Application
- ☒ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers  
(for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a  
Provisional Application
- ☐ Power of Attorney, Revocation  
Change of Correspondence  
Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance Communication  
to Group
- ☐ Appeal Communication to Board  
of Appeals and Interferences
- ☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please  
identify below):  
COPY - Notice to File Missing Parts;  
Declaration / Power of Attorney;  
Check - \$923.00; Check - \$460.00;  
Certificate of Mailing; Return  
Receipt Postcard.

### Remarks

The Commissioner is authorized to charge fee deficiencies to the NIXON PEABODY LLP  
deposit account 50-0850.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name David S. Resnick (Reg. No. 34,235)  
Lana A. Shvartsman (Reg. No. 48,502)  
NIXON PEABODY LLP, 101 Federal Street, Boston, MA 02110

Signature

Date

April 4, 2004

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class  
mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 4/4/2002

Typed or printed name Nicole M. Gignac

Signature

Date

4/4/2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments  
on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington,  
DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ ) 1,383.00

**Complete if Known**

Application Number	09/976,687
Filing Date	10/12/2001
First Named Inventor	Maureen R. Hanson
Examiner Name	To be assigned
Group Art Unit	1638
Attorney Docket No.	019603-002861

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account: Charge fee deficiencies

Deposit Account Number

50-0850

Deposit Account Name

NIXON PEABODY LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity / Small Entity		Fee Description		Fee Paid
Fee Code (\$)	Fee Code (\$)			
101 740	201 370	Utility filing fee		370.00
106 330	206 165	Design filing fee		
107 510	207 255	Plant filing fee		
108 740	208 370	Reissue filing fee		
114 160	214 80	Provisional filing fee		

SUBTOTAL (1) (\$ ) 370.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Extra Claims		Fee from below	Fee Paid
Total Claims	54 -20** = 34 X 9.00 = 306.00	9.00	306.00
Independent Claims	4 -3** = 1 X 42.00 = 42.00	42.00	42.00
Multiple Dependent		140.00	140.00

Large Entity / Small Entity		Fee Description	
Fee Code (\$)	Fee Code (\$)		
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 84	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ ) 488.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity / Small Entity		Fee Description		Fee Paid
Fee Code (\$)	Fee Code (\$)			
105 130	205 65	Surcharge - late filing fee or oath		65.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet		
139 130	139 130	Non-English specification		
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination		
112 920*	112 920*	Requesting publication of SIR prior to Examiner action		
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		
115 110	215 55	Extension for reply within first month		
116 400	216 200	Extension for reply within second month		
117 920	217 460	Extension for reply within third month		460.00
118 1,440	218 720	Extension for reply within fourth month		
128 1,960	228 980	Extension for reply within fifth month		
119 320	219 160	Notice of Appeal		
120 320	220 160	Filing a brief in support of an appeal		
121 280	221 140	Request for oral hearing		
138 1,510	138 1,510	Petition to institute a public use proceeding		
140 110	240 55	Petition to revive - unavoidable		
141 1,280	241 640	Petition to revive - unintentional		
142 1,280	242 640	Utility issue fee (or reissue)		
143 460	243 230	Design issue fee		
144 620	244 310	Plant issue fee		
122 130	122 130	Petitions to the Commissioner		
123 50	123 50	Processing fee under 37 CFR 1.17(q)		
126 180	126 180	Submission of Information Disclosure Stmt		
581 40	581 40	Recording each patent assignment per property (times number of properties)		
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))		
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))		
179 740	279 370	Request for Continued Examination (RCE)		
169 900	169 900	Request for expedited examination of a design application		

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 525.00

**SUBMITTED BY**

Name (Print/Type) David S. Resnick / Lana A. Shvartsman

Registration No. (Attorney/Agent)

34,235 / 48,502

**Complete (if applicable)**

Telephone (617) 345-6057/6177

Signature

Date

4/4/02

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Maureen R. Hanson and Carol Hamilton

Serial No.: 09/976,687

Group No.: 1638

Filed: 10/12/2001

Examiner: Not yet assigned

For: BINARY BAC VECTOR AND USES THEREOF



CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a) and 1.10)

I hereby certify that this correspondence:

1. Transmittal Form (1 pg.);
2. COPY – Notice to File Missing Parts (1 pg.);
3. Petition for Extension of Time – 3 mos. (1 pg.);
4. Declaration/Power of Attorney – Executed by Maureen R. Hanson (4 pp.);
5. Declaration/Power of Attorney – Executed by Carol Hamilton (4 pp.);
6. Fee Transmittal (1 pg.);
7. Check - \$923.00;
8. Check - \$460.00;
9. Return Receipt Postcard;

is on the date shown below being:

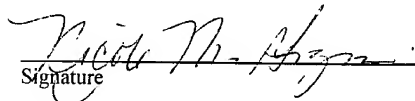
MAILING

X deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

FACSIMILE

transmitted by facsimile to the Patent and Trademark Office.

Date: 4/4, 2002

  
Signature

Nicole M. Gignac

(type or print name of person certifying)